

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	160459	polariz\$ or polaris\$	US-PGPUB; USPAT	ADJ	ON	2005/11/28 10:18
L2	2223088	state or analyz\$ or analys\$	US-PGPUB; USPAT	ADJ	ON	2005/11/28 10:18
L3	36	ellipsom\$ same jones	US-PGPUB; USPAT	ADJ	ON	2005/11/28 10:18
L4	69456	shearing or point diffraction	US-PGPUB; USPAT	ADJ	ON	2005/11/28 10:19
L5	43968	1 same 2	US-PGPUB; USPAT	ADJ	ON	2005/11/28 09:47
L6	32	5 and 3	US-PGPUB; USPAT	ADJ	ON	2005/11/28 09:47
L7	1128	5 and 4	US-PGPUB; USPAT	ADJ	ON	2005/11/28 09:47
L8	122	7 and 356/450-521.ccls.	US-PGPUB; USPAT	ADJ	ON	2005/11/28 09:47
L9	51	(7 and "356"/\$.ccls.) not 8	US-PGPUB; USPAT	ADJ	ON	2005/11/28 09:48
L10	53	7 and "250"/\$.ccls.	US-PGPUB; USPAT	ADJ	ON	2005/11/28 09:48
L11	81	7 and "359"/\$.ccls.	US-PGPUB; USPAT	ADJ	ON	2005/11/28 09:49
L12	1609	5 and (lens with aberration)	US-PGPUB; USPAT	ADJ	ON	2005/11/28 10:19
L13	154	5 same (lens with aberration)	US-PGPUB; USPAT	ADJ	ON	2005/11/28 09:55
L14	341	12 and "356"/\$.ccls.	US-PGPUB; USPAT	ADJ	ON	2005/11/28 09:56
L15	1794	5 and (optical with aberration)	US-PGPUB; USPAT	ADJ	ON	2005/11/28 10:20
L16	155	5 same (optical with aberration)	US-PGPUB; USPAT	ADJ	ON	2005/11/28 10:09
L17	60	16 not 13	US-PGPUB; USPAT	ADJ	ON	2005/11/28 10:11
L18	360	15 and "356"/\$.ccls.	US-PGPUB; USPAT	ADJ	ON	2005/11/28 10:11
L19	158	18 not 14	US-PGPUB; USPAT	ADJ	ON	2005/11/28 10:15
L20	35	WEGMANN-ULRICH or HARTL-MICHAEL or MENGEL-MARKUS or HAIDNER-HELMUT or SCHRIEVER-MARTIN or TOTZECK-MICHAEL	US-PGPUB; USPAT	ADJ	ON	2005/11/28 10:18

L21	61242	polariz\$ or polaris\$	EPO; JPO; IBM_TDB	ADJ	ON	2005/11/28 10:18
L22	1036382	state or analyz\$ or analys\$	EPO; JPO; IBM_TDB	ADJ	ON	2005/11/28 10:18
L23	2	ellipsom\$ same jones	EPO; JPO; IBM_TDB	ADJ	ON	2005/11/28 10:18
L24	15942	shearing or point diffraction	EPO; JPO; IBM_TDB	ADJ	ON	2005/11/28 10:19
L25	10895	21 and 22	EPO; JPO; IBM_TDB	ADJ	ON	2005/11/28 10:19
L26	2	25 and 23	EPO; JPO; IBM_TDB	ADJ	ON	2005/11/28 10:19
L27	20	25 and 24	EPO; JPO; IBM_TDB	ADJ	ON	2005/11/28 10:19
L28	0	25 and (lens with aberration)	US-PGPUB; USPAT	ADJ	ON	2005/11/28 10:20
L29	0	25 and (optical with aberration)	US-PGPUB; USPAT	ADJ	ON	2005/11/28 10:20



polarization aberration interferometer

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### Novel holographic shearing **interferometer** for measuring lens lateral **aberration**

K MATSUDA, Y MINAMI, T EIJU - Applied Optics, 1992 - ao.osa.org

... Tsuruta 5 has described a shearing **polarization interferometer** developed for testing ...Two-Beam Lateral **Aberration** Shearing **Interferometer** First we ...Cited by 5 - [Web Search](#) - [aoot.osa.org](#) - [adsabs.harvard.edu](#) - [csa.com](#) - [all 6 versions »](#)

### Versatile **polarization interferometer**

PH Lee, GA Woolsey - APPLIED OPTICS, 1981 - ao.osa.org

... as the Jamin and other **polarization** interferometers, do ... of lenses is placed in each **interferometer** beam, a ... toward each other to minimize spherical **aberration**. ...Cited by 2 - [Web Search](#) - [ao.osa.org](#) - [aoot.osa.org](#) - [adsabs.harvard.edu](#)

### **Polarization** pinhole **interferometer**

G Wang, Y Zheng, A Sun, S Wu, Z Wang - Optics Letters, 1991 - ol.osa.org

... two polarizers, and  $u$  is the **polarization** angular difference ... the instrument has less rest **aberration** than as ... near the Fraunhofer region in the **interferometer**. ...[Web Search](#) - [ol.osa.org](#) - [adsabs.harvard.edu](#)

### Characteristics of gap-induced **aberration** in solid immersion lens systems

JS Jo, TD Milster, JK Erwin - Optical Data Storage, 2000. Conference Digest, 2000 - ieeexplore.ieee.org

... toward the **interferometer**. ... of gap **aberration**. ... 40 Page 3. Summary The air gap inducesilluminational **polarization aberration** due to vector thin-film effects. ...[Web Search](#) - [ieeexplore.ieee.org](#)

### Measurement of optical transfer function with **polarization interferometer**

S MALLICK - OPTICA ACTA, 1966 - taylorandfrancis.metapress.com

... In the **polarization interferometer** the two interfering beams follow almost identical paths and ... with respect to the ideal image (given by an **aberration** free and ...[Web Search](#)

### A **POLARIZATION INTERFEROMETER** FOR THE MEASUREMENT OF TRANSFER FUNCTIONS.

WH STEEL - Opt Acta (Lond), 1964 - taylorandfrancis.metapress.com

... 3. THE **POLARIZATION INTERFEROMETERS** The wave-shearing ... microscope objective with appreciable **aberration** was measured ... simpler form of the **interferometer** has been ...[Web Search](#) - [ncbi.nlm.nih.gov](#)

### **Polarization** effects in interferograms of conical optical elements

TR Ferguson - APPLIED OPTICS, 1982 - aoot.osa.org

... V. Conclusions An **interferometer** with desirable properties ... vary with position, residual **polarization** effects remain ... the apparent wave front **aberration** has been ...[Web Search](#) - [ao.osa.org](#) - [aoot.osa.org](#) - [adsabs.harvard.edu](#) - [all 5 versions »](#)

### CHARACTERIZATION OF PROGRAMMABLE PHASE MODULATOR WITH **POLARIZATION QUADRATURE INTERFEROMETER**

Z Wang - ucolick.org

... Table 2-1 Components in **Polarization Quadrature Interferometer** ... the non-common path optical **aberration** by steering ... between In-Phase (P **polarization** state) and ...[View as HTML](#) - [Web Search](#)

### Optical element converting linear **polarization** into circular-tangential **polarization**

J Asada, S Nishiwaki - APPLIED OPTICS, 1995 - ao.osa.org



polarization aberration ellipsometer

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### Development of X-ray Polarization Spectroscopy for Anisotropy and Gyrotropy

Y Amemiya, Y Ueji, K Okitsu, K Sato - esrf.fr

... Fig.1). The phase-difference sensitivity of the **ellipsometer** as a ... 2. X-ray **polarization**-switching optics ... the problem of both off-axis **aberration** and chromatic ...

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### Simultaneous Measurement of Surface Geometry and Material Distribution by Focusing Ellipsotopometry

U Neuschaefer-Rube, W Holzapfel - Applied Optics, 2002 - ao.osa.org

... these ellipsometers the influence of **polarization aberration** and lens ... analyze the state of **polarization** of the ... is a polarizer-sample-analyzer PSA **ellipsometer**. ...

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### Mono-axial power spectrograph for a spectral imaging ellipsometer: design and experimental results

W Chegal, S Kim, YK Kwak, H Cho, Y Lee - Measurement Science and Technology, 2003 - iop.org

... insensitive to the state of **polarization** of the ... spectrograph for a spectral imaging **ellipsometer** Table 2 ... optimized so as to have minimal achromatic **aberration**. ...

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### Double-pass imaging polarimetry in the human eye

JM Bueno, P Artal - Opt. Lett, 1999 - ol.osa.org

... A confocal imaging electro- optical **ellipsometer** has been used to measure ... These results are conceptually similar to the **polarization- aberration** functions and ...

[Cited by 26](#) - [Web Search](#) - [lo.um.es](#) - [iriso.fcu.um.es](#) - [adsabs.harvard.edu](#) - [all 5 versions](#) »

### No. 1 January 1991

A Kumar, R Kamala, V Kudalkar, AK Ekert, SJD ... - taylorandfrancis.metapress.com

... Zhou Zhang 889 Static Stokes **ellipsometer**: general analysis ... with residual longitudinal chromatic **aberration** J. C ... 1763 Effects of cross-**polarization** coupling in ...

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### INDEX OF AUTHORS (WITH TITLES)

N Barakat, AM Hamed, H El-Ghandoor, K El-Dohimy, ... - JOURNAL OF MODERN OPTICS, 1991 - taylorandfrancis.metapress.com

... K. : Static Stokes **ellipsometer** : a general ... systems with residual longitudinal chromatic **aberration** ... MW: Relativistic theory of **polarization** and magnetization ...

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### Two-modulator generalized ellipsometry: experiment and calibration

GE Jellison Jr, FA Modine - Appl. Opt, 1997 - ao.osa.org

... The two-modulator generalized **ellipsometer** 2- MGE ... state generator PSG and the **polarization** state detector ... designed with minimal chromatic **aberration** across the ...

[Cited by 17](#) - [Web Search](#) - [aoot.osa.org](#) - [ao.osa.org](#) - [adsabs.harvard.edu](#)

### The construction of a model eye for investigation of laser-tissue interactions in scanning laser ...

F Rakebrandt, RV North, JT Erichsen, N Drasdo, C ... - Optom. Vis. Sci, 2003 - optvissci.com

... The **ellipsometer** measures retardation of light (change in **polarization**). ... spherical surfaces were used, which produced excessive spherical **aberration**. ...

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### Practical resist model calibration